

***Final Agenda***  
**EOS Investigators Working Group (IWG) Meeting**  
**November 4-6, 1997**  
**Atlanta Renaissance Hotel**  
**Atlanta, GA**

**Morning Plenary Session, Tuesday, November 4, 8:00 am - 12:00 pm**

***Land Cover and Land Use Change***

**Tony Janetos, NASA Headquarters, Chair**

*The Vegetation Canopy Lidar ESSP Mission: Implications for MTPE/EOS*

Ralph Dubayah, University of Maryland

8:00 am

*Landsat 7: Resolving Terrestrial Science Issues*

Samuel Goward, University of Maryland

8:30 am

*Northern Biosphere Observation and Modeling Experiment (NBIOME) Recent Results*

Jing Chen & Josef Cihlar, Canada Center for Remote Sensing

9:00 am

*Integrating Biogeochemical, Ecological, and Hydrological Processes in a Dynamic Biosphere*

Jon Foley, University of Wisconsin Madison

9:30 am

Break

10:00 am

*LCLUC Project*

Tracy Benning, Stanford University

Pam Matson, University of California Berkeley

10:30 am

*1 km Land Cover Project*

Tom Loveland, United States Geological Survey

11:00 am

*Estimating Long-Term Carbon Flux Due to Land-Use Change*

Mark Harmon, Oregon State University

11:30 am

Lunch

12:00 noon

**Afternoon Plenary Session, Tuesday, November 4, 1:30 pm - 5:00 pm**

***Integrated Assessments on Climate Variability and Change: Outcomes of U.S. Regional Workshops***

**Eric Barron, Penn State University, Chair**

*Introduction*

Eric Barron, Penn State University

1:30 pm

*Northeast Region*

Berrien Moore, University of New Hampshire

2:00 pm

*Mid-Atlantic States*

Eric Barron, Penn State University

2:30 pm

*Southeast Region*

Ron Ritschard, NASA/Marshall Space Flight Center

3:00 pm

Break

3:30 pm

*Southwest Region*

Soroosh Sorooshian, University of Arizona

4:00 pm

*California*

Jeff Dozier, University of California Santa Barbara

4:30 pm

Adjourn

5:00 pm

Excursion

6:00 pm

**Morning Poster Session, Wednesday, November 5, 8:00 am - 11:30 am**

- \* *EOS AM-1, SAGE III, and LIS Validation Efforts*
- \* *GEOS-2 & GEOS-3: Validation Results and At-launch Data Availability (Ricky Rood)*

**Working Lunch, Wednesday, November 5, 11:30 am - 1:30 pm**

- \* *Science Working Group for the AM Platform (SWAMP)*
- \* *EOSDIS Panel*
- \* *Land Panel*
- \* *Physical Climate and Hydrology Panel*
- \* *Cryosphere Working Group*

**Afternoon Plenary Session, Wednesday, November 5, 1:30 pm - 5:30 pm**  
**Michael King, NASA Goddard Space Flight Center, Chair**

<i>MTPE/EOS Program and Project Updates</i> William Townsend, NASA Headquarters	1:30 pm
<i>EOS AM-1: Status of Science, Platform, and Instrumentation</i> Yoram Kaufman & Chris Scolese, NASA Goddard Space Flight Center	2:30 pm
Break	3:30 pm
<i>EOSDIS Review Group Report</i> Sara Graves, University of Alabama Huntsville	4:00 pm
<i>EOS Data and Information System Update</i> Rick Obenschain, NASA Goddard Space Flight Center	4:30 pm
<i>EOSDIS Federation/ESIP Report</i> Martha Maiden, NASA Goddard Space Flight Center	5:00 pm
Adjourn	5:30 pm

**Morning Session, Thursday, November 6, 8:00 am - 12:00 pm**  
***Seasonal to Interannual Climate Variability***  
**Michael Freilich, Oregon State University, Chair**

*Space-Based Monitoring and Analysis of El Niño*  
Tim Liu, Jet Propulsion Laboratory 8:00 am

*The Gravity Recovery and Climate Experiment: Global Ocean Circulation and Sea Level Studies in the Early New Millennium*  
Byron Tapley, University of Texas-Austin 8:30 am

*Climate Change and the Global Hydrologic System*  
William Lau, NASA Goddard Space Flight Center 9:00 am

*SeaWiFS Early Results*  
Chuck McClain, NASA Goddard Space Flight Center 9:30 am

*Response of Global Terrestrial Ecosystems to Interannual Temperature Variability*  
Dave Schimel, National Center for Atmospheric Research  
Berrien Moore, University of New Hampshire  
Rob Brasswell, University of New Hampshire 10:00 am

Break 10:30 am

**Late Morning/Afternoon Plenary Session, Thursday, November 6, 11:00 - 5:15 pm**  
***Atmospheric Chemistry***  
**P. K. Bhartia, NASA Goddard Space Flight Center, Chair**

*Influence of Solar Radiation on Climate and Chemistry*  
Gary Rottman, University of Colorado 11:00 am

*Climate Forcing Due to Sulfate Aerosols and Tropospheric Ozone*  
Jeffrey T. Kiehl, NCAR 11:30 am

Lunch 12:00 noon

*Scientific Highlights of UARS Mission*  
Mark Schoeberl, NASA/Goddard Space Flight Center 1:00 pm

*Results from Tropospheric Chemistry Aircraft Missions*  
Daniel Jacob, Harvard University 1:30 pm

*Chemistry and Circulation Occultation Spectroscopy Mission*  
Michael Gunson, Jet Propulsion Laboratory 2:00 pm

*Chemical, Dynamical, and Radiative Interactions through the Middle Atmosphere and Thermosphere*  
Ralf Toumi, Imperial College, London 2:30 pm

Break 3:00 pm

*A New Approach in Global Tropospheric Chemistry Analysis*  
Prasad Kasibhatla, Duke University 3:20 pm

*Instrumentation to Characterize Urban Respiration*  
Charles Kolb, Aerodyne Research, Inc.

3:50 pm

*Impact of Aerosols on Photochemical Ozone Production*  
Georgiy L. Stenchikov, University of Maryland

4:20 pm

*Recent Results from the ERS-2 GOME Instrument*  
Kelly Chance, Harvard University

4:40 pm

Adjourn

5:00 pm